

SBIR/STTR TRANSITIONS Newsletter

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From the Director



Photo courtesy of Premier
Robert Smith, Navy SBIR/STTR director (middle), with Dave Tribble and Steve Brennan from Premier Solutions HI LLC, attending the National SBIR Conference in National Harbor in October 2021. (See more about Premier Solutions HI on Page 3.)

It's hard to believe the second quarter of FY22 is already behind us! We started this year at a nice steady pace, and our program is already racking up successes, and not just with the commercialization figures. I'm also talking about successes that are harder to quantify, like the return of normalcy post-COVID-19 and the lasting connections our small businesses

are forging with government and industry. In March the omnibus appropriation was approved and we should see our FY22 funds by mid-June to enable continued contracting funding actions up to 30 September 2022. As for funding actions on 1 October and beyond, I'm including my thoughts on reauthorization below.

WEST and Beyond

WEST 2022 essentially marked our post-COVID-19 return. I absolutely loved that we could all talk in-person; that dynamic was made even greater by the fact that we could do it without masks. You could feel the energy in the exhibit hall: instant introductions with people you never even knew you had to meet; the serendipity of connecting; the human spirit—all the things that just don't translate via Zoom. WEST provided a great value for all who attended.

Is it exactly the same as five years ago? No, but it doesn't have to be. We extracted best practices from two years of the pandemic. We adapted and learned to do hybrid events. We optimized our web presence; we used virtual meetings to get the conversation started;

From the Director... Continued

but then we brought it across the finish line face to face. Be sure to read the article on page 11 for a recap of this great event and our other Navy FST focused technology events. Sea-Air-Space was also a success and it felt great to host everybody right at home in Washington, D.C.

Reauthorization

In a pivotal year when the long-standing SBIR program is up for reauthorization in Congress by 30 September, it's hard to imagine how anybody can fail to see the ubiquitous success of this vital program. We produce Success Stories and Navy Spotlights each month to showcase exactly what I'm talking about. Small companies, sometimes only two or three people, have game-changing ideas that turn into sought-after government solutions. These companies can end up being huge successes beyond the SBIR program, sometimes aligning with prime contractors such as Boeing or Lockheed Martin, seeing their technologies distributed through Navy programs of record. It's the only program of its kind that encourages and fosters this sort of innovation, and the fact that we have the strongest and greatest fleet in the world is a testament to the value of the SBIR/STTR program.

Yet its very existence is up for debate. I know there are many proponents on the Hill with great minds working as hard as possible to get this program reauthorized and I appreciate and honor their efforts. So while I'm a bit downtrodden at the knowledge that reauthorization isn't a shoo-in, I do hold high hopes, and I encourage anybody with good news to reach out to me and keep the hope alive. But please appreciate that as good stewards of the taxpayers' money we also have an obligation to properly execute the program, which includes planning for the end of a program that may cease to

exist at midnight 30 September 2022. That includes prioritizing funding actions to align with contracting capacity. That planning may also include not funding recent selections if we don't believe it's possible to make contract awards by 30 September. It's a bleak view of the future but one for which we must plan accordingly. As has been said: Expect the best but plan for the worst. And so we shall.

Speaking of Success...

I hope you enjoy this issue of *Transitions*, where we not only highlight some recent SBIR successes, but also showcase some tools on how to get there! Be sure you read our profile on Premier Solutions HI LLC on page 3, a Hawaii-based woman-owned small business that leveraged SBIR funding to achieve great success within NAVSUP and the Marine Corps. Then, head on over to page 10 for a list of recently acquired Navy STP companies.

Our team is also breaking down Other Transaction Authorities (OTAs) and the opportunities that exist within government consortia. We're also looking at BAE Systems' FAST Labs, which aims to accelerate the development of advanced technologies and provides our SBIR small businesses that have the right technology with another great chance for technology transition and insertion into military systems.

I am excited to see what's in store this year for the companies that have put in tireless work and effort so that we may better equip our warfighters. Thank you to all! And here's hoping for another 40 years of continued success.

Sincerely,



Robert L. Smith
Director DoN SBIR/STTR

Premier Solutions HI Builds Tools to Streamline Navy Logistics

By Jennifer Reisch, Navy STP Managing Editor

Premier Solutions HI, LLC (Premier), a woman-owned small business based in Honolulu, has been awarded more than \$7.1 million in Phase III SBIR contracts to help the Navy and Marine Corps streamline supply and inventory processes. The company's FACET system and services help automate Navy receiving and inventory processes, reducing the time it takes Sailors and Marines to comply with audit requirements. The contracts were awarded to Premier through Phase III of the Department of the Navy's Small Business Innovation Research (SBIR) program.

The contracts include three delivery orders of Financial Audit Compliance Enhancement (FACET) systems and services from the Naval Supply Systems Command, and a definitive contract from the Marine Corps Regional Contracting Command for FACET systems and services for Marine Aviation Logistics Squadron 24 at Marine Corps Base Hawaii.

Premier's Hawaii-based engineering team created the FACET system, which is used across the Navy's global fleet to digitize and retain audit compliant transactional data, leveraging embedded barcodes to streamline receiving and inventory. FACET is deployed on every ship in the fleet and hundreds of ashore activities, said Steve Brennan, Premier's director of business development. The CLIPBOARD module uses mobile devices and scanners to digitize formerly paper-based shipping and inventory documents.

"The FACET system was developed through a series of 8(a) contracts and then we improved it with innovation through our SBIR Phase I and Phase II awards from the Naval Supply Systems Command. Additional funding and assistance came from the State of Hawaii's Technology Development Corporation's INNOVATE Hawaii program, which helped us conduct a series of customer discovery sessions to understand the technology needs and preferences of Navy supply personnel," Brennan explained.

Premier started as an 8(a) woman-owned small business company. The company's first Navy contract was a document scanning contract with Naval Supply Systems Command (NAVSUP) Business Systems Center (BSC) at Pearl Harbor. That contract evolved into developing the FACET system. "The FACET system was built to comply with the Navy and DoD-



Photo courtesy of Premier

Sailors from the USS Halsey use the FACET-CLIPBOARD mobile application to perform pier-side receiving of fresh fruits and vegetables at Joint Base Pearl Harbor Hickam in Hawaii.

wide mandate for audit readiness. That presented a big challenge for Pacific Fleet because they essentially have to keep receipts for six months at a time while they are out at sea on a carrier with 5000 people on it and all kinds of daily operations that are really financial transactions," Brennan said. "The FACET system is used to scan the paper records of all those financial transactions and make the data both audit compliant and actionable. That contract with BSC led to a contract with Pacific Fleet for all their afloat vessels and then some of the shore commands, and then United States Fleet Forces command picked up FACET and now the system is deployed fleet wide and supports every unit in the fleet as well as Marine Corps Aviation Logistics Squadrons."

The FACET system gives users the capability to scan, index and store years of financial records for easy

Premier Solutions HI Builds Tools to Streamline Navy Logistics... Continued

retrieval later. FACET is accredited for use with Navy-Marine Corps Intranet (NMCI) or afloat networks, letting FACET users automatically upload data to networked systems such as R-Supply and Food Service Management (FSM). In addition to supporting audit readiness, FACET improves material availability and logistics transparency while reducing data-entry errors and the workload on Sailors. It supports seamless handoff of offsite scanning and enables financial improvement and audit readiness compliant inventory in warehouses and depots.

The newest version of the system, FACET-CLIPBOARD, was developed through the Navy's SBIR program to enable financial improvement and audit readiness (FIAR) compliance using mobile devices such as tablets, phones, and scanners. FACET-CLIPBOARD supports commercial supply chain best practices such as barcode-based receiving and inventory.

"The genesis of FACET-CLIPBOARD was our SBIR and prior FACET work; we saw Navy logistics specialists were still using pencil and paper dockside and in the galleys to make notes and keep what they called key supporting documents. Everybody carried a clipboard. Our goal was to give them a mobile technology on tablets and mobile phones so that they didn't have to keep track of lots of different pieces of paper; things would start digital and the entire process would be auto compliant using all digital data," Brennan explained.

"Our PI Dave Tribble is great at talking to people and doing what we call design thinking, or focusing on what the user wants and needs. He has done a great job of developing software applications that do what the client needs and do it well. User-centered design is really about working side by side with Sailors and Marines to come up with these processes. He really respects the users and listens to them. I'm very proud of the team that he's built here and the way we are able to approach making the warfighter's day a little

better," he said.

"All of our SBIR success was driven by interactions with warfighters. While we were implementing FACET we started talking to Sailors and Marines and asking them about their particular problems. Through the SBIR program we were able to win a competitive topic and improve the FACET system with mobile devices, and then expand that into using artificial intelligence and machine learning techniques to do a better job of tracking and using the data that is generated from all those paper receipts and from different financial transactions."

In addition to supporting audit readiness, FACET improves material availability and logistics transparency while reducing data-entry errors and the workload on Sailors. It supports seamless handoff of offsite scanning and enables financial improvement and audit readiness compliant inventory in warehouses and depots.

Working side-by-side with Sailors helped Premier's system developers understand the realities of life at sea: "There are lots of systems that read UPC barcodes on packaged food. But one of the things we found was that the first thing that Sailors do when they get a can of something and have to store it in an out of the way compartment is they get rid of the label. Otherwise the labels fall off. They actually write a national stock number on it in magic marker. So we had to come up with a way to solve that problem—for them to get down in the hatch and be able to search by the NSN. We had to learn the realities of the situation; it's not as easy as reaching up on a shelf and scanning the barcode. The Navy needs better software but the software needs to be flexible enough to adapt to the Navy's unique business processes. Because we were able to work closely with Sailors here in Hawaii, we were able to develop a solution for specific warfighter needs."

Another advantage of being in Hawaii is state support. The Hawaii Technology Development Corporation (HTDC) is a state agency that provides matching funding and also provides training and support for small companies. "They teach SBIR companies to find all the resources that are available. HTDC has been particularly helpful in overcoming some of the disadvantages of being located in Hawaii. They provide a competitive matching program and they

Premier Solutions HI Builds Tools to Streamline Navy Logistics... Continued

also provide training and support. If we need help with graphic design or product design they have relationships with companies out here that can do that. They help us use Hawaii-based talent so that we aren't just growing a company, we are helping to grow an industry."

"Premier Solutions is a great transition success story of a company that took full advantage of the SBIR program along with the HTDC matching grants to bring their technology to Phase III," said Cindy Matsuki, HTDC's INNOVATE Hawaii SBIR program manager. "With SBA FAST grant funds, HTDC was able to offer Premier Solutions a subsidized Technology Driven Marketing Intelligence project to help them define their market opportunities."

HTDC has been providing matching grant funds to Hawaii companies that receive Federal SBIR awards since 1988, one of the longest running state matching grant programs in the nation, Matsuki explained. The state matches 50% of Phase I awards, up to \$75,000. "Being in Hawaii, our companies have the disadvantage of being located a great distance from SBIR program and topic managers, as well as not having as many manufacturing resources as companies in the continental United States," she said. The matching grant funds can be used for travel to meet face-to-face with customers and SBIR program staff as well as other expenses not allowed with federal funds. HTDC is also the NIST Manufacturing Extension Partner (MEP) Center for Hawaii, allowing them to provide manufacturing and prototyping support for companies that need specialized or custom equipment, raw materials, or services.

"In addition to HTDC, the Navy's SBIR/STTR Transition Program and the NAVSUP Office of Small Business Programs were invaluable resources in helping us navigate the path to a Phase III contract. Chris Espenshade, director of the Office of Small Business Programs at NAVSUP, took an interest in what we were doing to help the warfighter, and he really helped make our transition success happen," said Brennan.

"I sat in on an overview of Premier's technology and thought 'we have an opportunity here to leverage this technology across some additional NAVSUP

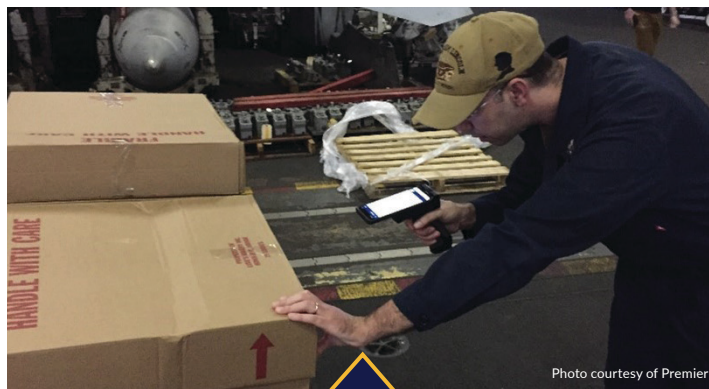


Photo courtesy of Premier

A Sailor uses FACET-CLIPBOARD to perform inventory of fresh bread aboard the USS Roosevelt.

products and services, specifically audit readiness and compliance," said Espenshade. "It was great working with Premier, because they represented the best attributes of small business: consistent communication and a commitment to working with us in order to make the best product possible for our mission. The benefit of FACET and CLIPBOARD is the tremendous reduction in manual effort required for receiving and documenting acceptance; instead, these resources can now focus on core mission responsibilities."

Brennan recommends companies invited to participate in the DoN SBIR/STTR Transition Program (Navy STP) immerse themselves in the opportunities the program provides. "The best part of Navy STP might be the relationships we made at the program kickoff. I was able to sit down with Matt Williams, who at the time was the SBIR program manager for NAVAIR. I learned more about the basic ordering agreement mechanism and then we worked with NAVAIR to create the BOA and made NAVSUP an ordering activity under that. Having the chance to sit down with Matt and talk about what our eventual transition path could be was super valuable. Also, the Navy STP library of documents on offices and platforms is extremely useful. I don't think there is another resource like that in the Navy."

Premier Solutions HI LLC provides innovative information technology solutions and services to government customers, including technical solutions to supply and logistics challenges in the most demanding environments. For more information, visit the company's website at <https://www.premiersolutionshi.com/>.

Other Transaction Authority (OTA) and Consortia: A Beginner's Guide

By Julie Scuderi

Companies that have regularly done business with the U.S. government should be familiar with the Federal Acquisition Regulations, or FAR, process of contracting. This is the process by which the Department of Defense (DoD) typically procures its goods and services from contractors. Because it is governed by defined rules and regulations, the process can be arduous and time consuming. A major goal of the DoD is to get the newest and most cutting-edge technologies into the hands of warfighters as quickly and efficiently as possible.

Enter the Other Transaction Authority—or Other Transaction Agreement as it's sometimes called. An OTA is a type of contracting vehicle that can be used to expedite the development of certain mission-critical technologies. OTAs are exempt from many of the conditions and restrictions inherent in the FAR system.

"OTAs are an important tool for the DoD to use to prototype technology solutions," says Molly Donohue Magee, executive director of the Undersea Technology Innovation Consortium (UTIC). "OTAs allow innovation at the speed of need. Sometimes that need is time, and an OTA award is more streamlined and quicker than a FAR-based award. Sometimes the need is vetting the art-of-the-possible, and an OTA allows necessary collaboration."

Am I eligible?

OTAs provide a flexible framework, but that doesn't mean they aren't without any restrictions. Here are a few general guidelines:

- Individual OTA awards can't exceed \$500 million
- Contract awards are targeted for non-traditional defense contractors, which include most small businesses

- Large traditional businesses can participate in OTAs but must show significant non-traditional contractor participation or must cost share with the government

The push for non-traditional defense contractors serves as an enticement for companies that have generally avoided working with the DoD because of the lengthy contracting process. Stepping into the ring via OTAs is a great way to get involved with selling to the government without the traditional hurdles. Of note, Phase III contracts to SBIR small businesses that have regularly worked in the government sector can be made via OTAs.

Collaboration and communication are important points to consider when looking at OTAs. In a typical Navy SBIR contract, direct communication with your government technical point of contact (TPOC) is permitted during the prelease prior for active Broad Agency Announcements (BAAs). After the release of the topics via BAA, the companies may speak with the TPOC via the Defense SBIR/STTR Innovation Portal (DSIP) Q&A site where any technical question answered will be done so publicly.

With an OTA, small businesses can communicate with their TPOC up until they submit their proposal. The entire process is designed to be collaborative. In addition, you may also negotiate your intellectual property (IP) rights with an OTA.

While quickly coming to terms with the government through an OTA sounds advantageous, there are instances where this arrangement does not make sense. As Magee states, "OTAs are focused on research or prototype technology needs. While limited production might be possible, OTAs are not full production vehicles. They are also not for services. The majority of government contracting will happen under the FAR environment."

OTA and Consortia: A Beginner's Guide... Continued

What is a consortium and how does it relate to OTAs?

As an example, a small business in the undersea and maritime technology field may have key innovations in which the government might be interested, but not be sure where to begin. Joining a consortium in the undersea and maritime technology field might make perfect sense. In its most basic form, a consortium is simply a group of like-minded individuals who work together toward a common goal. In this iteration, it is a group of companies in a similar technology arena that works toward a solution the government is seeking.

"A consortium is a unique way to network and align with other organizations such as small and large businesses and academic and nonprofit organizations in your technology sphere that may be potential partners on a government solution," says Magee, whose UTIC consortium has about 300 members across 37 states. "The UTIC

OTA environment encourages communication, collaboration, innovation, and demonstration of needed technology. We also guide you if you've never done work with the government."

This is perhaps one of the biggest benefits, considering the process for even getting set up with the government System for Award and Management (SAM) takes time. From getting your DD2345 Military Critical Technical Data Agreement to assessing your cyber security status, small businesses must do a good deal of prep work in order to be awarded any type of federal contract, OTAs included.

Another benefit of consortium membership is first-come access to opportunities only available to consortia.

Here's an example of how this might look from start



U.S. Navy photo

The Undersea Technology Innovation Consortium (UTIC) is one of over 30 consortia designed to facilitate technology transition and help small businesses and non-traditional defense contractors communicate and collaborate to develop sought-after government solutions.

OTA and Consortia: A Beginner's Guide.. Continued

to finish. The government identifies an undersea/maritime technology need and notifies UTIC of this need by submitting a Request for Prototype Projects (RPP). Then, member organizations of the UTIC consortium have about 30 days to submit a white paper detailing their technology prototype for consideration. The RPP is not broadly or publicly released like a BAA. It is only made available to the consortium which the government chooses.

Once in hand, the government can accept the organization's proposal and award a prototype agreement, can reject the proposal, or can put the proposal in "the basket," where the government can pull the proposal for award without competition for three years. There's also no limit on how many organizations the government may choose to award one prototype project. For instance, there may be several organizations within the consortium the agency chooses to move forward with.

From the government's perspective, there are also benefits to this model. A consortium such as UTIC is essentially a marketplace of undersea technology and maritime-specific organizations that have the expertise and wherewithal to deliver innovative technology prototypes to meet the government's needs.

How do I align with a consortium?

In the case of UTIC, which was awarded the OTA for undersea and maritime technology innovation in 2018, interested organizations can fill out an application online and will be approved if they meet the organizational requirements and their

technology aligns with the consortium's mission. All U.S. small businesses and non-traditional defense contractors with undersea/maritime technology—whether large or small—are encouraged to apply.

Small businesses pay \$500 a year, which includes access to the members-only database to collaborate with other businesses and allows for access to industry days, speed networking events, and specialized webinars on topic such as "How to Write a White Paper." It's important to note that this information is specific to UTIC, and each consortium will have its own criteria.

"OTAs are an important tool for the DoD to use to prototype technology solutions," says Molly Donohue Magee, executive director of the Undersea Technology Innovation Consortium (UTIC).

To learn more about UTIC and to view the 25 broad technical thrust areas the Navy has identified, visit www.underseatech.org.

For a list of other government consortia that support OTAs, visit <https://aida.mitre.org/ota/existing-ota-consortia/>.

OTAs are a great tool to use if the situation warrants one, especially when it comes to prototyping technologies. Their speed and flexibility, along with their ability to attract non-defense contractors, allow more businesses to develop critical technologies that will be used by our warfighters. If you're an SBIR small business already working through Phase I and II projects, it's always best to speak with your contracting office representative on whether or not an OTA may work for you.

BAE Systems' FAST Labs Works with Small Business to Transition Disruptive Technology

FAST Labs is the research and development (R&D) organization for the electronic systems sector of BAE Systems Inc. "FAST Labs' primary mission is to develop, acquire, and transition disruptive technologies across our company's global enterprise and ultimately to our warfighters and commercial customers. We take pride in delivering science, technology, and engineering breakthroughs for some of the toughest challenges in the defense, aerospace, power and propulsion, and security industries," said Dr. Bahareh Haji-saeed, director of external engagements, technology scouting at FAST Labs.

"Our FAST Labs name reflects our commitment to increasing the velocity of our innovation. We deliberately use the word 'velocity' because it implies both speed and direction, and our innovation engine is designed to provide both. Fueled by top talent from across the country, the direction for our technology development efforts is set by our enterprise-wide technology strategy and speed to market is driven by our R&D product lines. Our mindset is captured in our vision statement: We secure the future through fearless innovation." FAST Labs has worked on innovations for the Office of

Naval Research along with several other Department of Defense partners.

The three core elements of the FAST Labs innovation model are its portfolio technology strategy, its R&D product lines, and its technology scouting team.



- The portfolio technology strategy sets the direction for innovation velocity and defines the future technology needs for the company and its customers.
- The R&D product lines collaborate across the company's global enterprise to discover, develop, and transition advanced technology capabilities in the areas of advanced electronics, autonomy, artificial intelligence, cyber, full spectrum electronic warfare, and sensors and processing.

- The technology scouting team leverages disruptive technologies that have been developed external to BAE Systems. Embedded within FAST Labs product lines, technology scouts find external capabilities to fill needs where an internal solution either doesn't exist or would be impractical to develop in-house. The team partners with universities, venture capital firms, and startups to be an active part of this innovation ecosystem.

"In 2018 we updated our FAST Labs R&D model to incorporate best practices from the most innovative non-defense commercial technology companies. One of the most significant updates we made was the addition of a technology scouting team focused on finding external technologies with potential to benefit BAE Systems' customers. This was a critical addition to

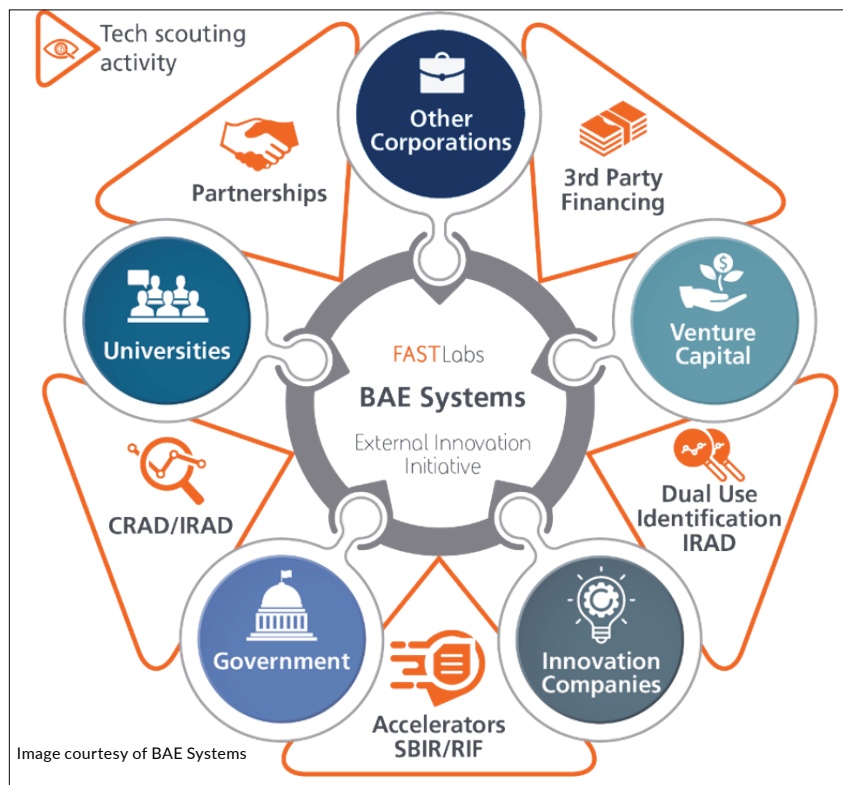


Image courtesy of BAE Systems

BAE Systems' FAST Labs Works with Small Business to Transition Disruptive Technology... Continued

our innovation model because it provides a path to leverage the vast amount of commercial R&D investment across the globe," Haji-saeed explained.

"What's unique about our approach is that we typically don't seek to acquire intellectual property or partial ownership of entities we collaborate with. Rather, we seek to partner with small companies or other parts of the innovation ecosystem to mature promising technologies into capabilities we can jointly offer to our customers. BAE Systems was the first large defense contractor to take this approach to technology scouting. The benefit to FAST Labs is that we gain access to emerging technologies with potential to improve the products we offer our end users. The benefit to our partners is that we provide them with a path to our markets and we mentor them on working in the defense and aerospace industries."

FAST Labs is looking to create partnerships to either

leverage their technology directly or work together to advance their technology to benefit BAE Systems' pursuits. There is a multi-step process for evaluating the technology, the business, and alignment with BAE Systems' strategic technology needs.

"We seek to partner with small companies or other parts of the innovation ecosystem to mature promising technologies into capabilities we can jointly offer to our customers. BAE Systems was the first large defense contractor to take this approach to technology scouting."—Dr. Bahareh Haji-saeed, director of external engagements, technology scouting at FAST Labs

FAST Labs is committed to being a partner looking for win-win opportunities that provide access to promising technologies for BAE Systems and a path to market for the small business with help to mature their technologies, processes, and products.

Small businesses interested in working with FAST Labs can contact the organization through its tech scouting website. Fill out the contact form on the tech scouting page at www.baesystems.com/en-us/product/tech-scouting.

The technology will be put through an evaluation process and if it is of interest to BAE Systems' business areas, the small business will be connected to the appropriate BAE Systems' scientists.

Several Navy STP Companies Recently Acquired

The following DoN SBIR/STTR Transition Program (Navy STP) participants have recently been acquired or partially acquired, or have entered into an agreement for acquisition.

ASSETT, Inc. was acquired by VTG in 2021.

Colorado Engineering, Inc. was acquired by Cobham Advanced Electronic Solutions in 2021.

Freedom Photonics LLC is being acquired by Luminar Technologies in 2022.

Intelligent Automation, Inc. was acquired by BlueHalo in 2021.

Materials Sciences Corporation was acquired by Seemann Composites Inc. in 2018.

Midé Technology Corporation was acquired by Hutchinson Corporation in 2019.

PolymerPlus LLC was acquired by Peak Nanosystems LLC in 2020.

Progeny Systems Corporation's Intelligent Systems Group was acquired by AeroVironment, Inc. in 2021.

RE2, Inc. is being acquired by Sarcos Technology and Robotics Corporation in 2022.

Reservoir Labs, Inc. was acquired by Qualcomm R&D Division in 2021.

ROCCOR, LLC was acquired by Redwire LLC in 2020.

SA Photonics, Inc. was acquired by CACI International Inc. in 2021.

San Diego Composites was acquired by Applied Composites in 2018.

SCALABLE Network Technologies Inc. was acquired by Keysight Technologies, Inc. in 2021.

Navy STP holds Three Navy FST Focused Technology Events

By Jennifer Reisch, Navy STP Managing Editor

The Department of the Navy (DoN) SBIR/STTR Transition Program (Navy STP) promoted several small businesses' innovative Navy SBIR/STTR projects through Navy Forum for SBIR/STTR Transition (Navy FST) focused technology events at WEST 2022 and the Sea-Air-Space 2022 Exposition (S-A-S) and through the NAVAIR & NAVSEA Virtual FST Showcase. All events provide exposure of promising SBIR-developed technologies to Navy acquisition decision makers and primes to facilitate transition. Attending localized events focused on specific technologies provides a precise way to connect small business innovators with Naval decisionmakers and industry across the country and increases opportunities for small businesses to identify transition possibilities.

The Navy FST promotes mature technologies ready for transition from companies participating in the Navy STP based on their Navy or Marine Corps sponsored SBIR/STTR Phase II awards. Navy FST focused technology events are designed to engage the fleet, primes, and acquisition stakeholders by connecting small businesses with government and industry personnel through Tech Talks, Meet the Experts one-on-one meetings, and an enhanced online presence via the Virtual Transition Marketplace (VTM). The VTM is the Navy's premier catalogue providing additional information on Navy technology topics for small businesses participating in the program.

Most participating companies record their Tech Talks, which can be found on the VTM at <https://navyfst.com/vtm/>.

WEST 2022

The premier naval conference and exposition on the West Coast, WEST brings military and industry leaders together. Cosponsored by AFCEA International and the U.S. Naval Institute, WEST connects industry professionals who design and build platforms, equipment and weapons with the designers of communications and technical systems.

“Attending the Navy FST at WEST 2022 was a



At WEST, Navy FST featured 25 small businesses with Navy Phase II technologies aiding warfighters in C4I, surveillance, and reconnaissance.

great kickoff for my first official week on the job as the director for the Naval Air Systems Command SBIR/STTR program,” said Kristi Wiegman, NAVAIR SBIR/STTR program manager. “I was greatly impressed by the efforts of the Navy STP to promote the innovative technologies under development by small businesses. I was able to meet with several of our NAVAIR Phase II companies to get a firsthand look at the progress they have made with our SBIR investments and discuss potential paths forward for transition. Likewise, there was a lot of great discussion involving several of our NAVAIR Assistant Program Executive Officers for Science and Technology who were also in attendance and meeting with small businesses. We had a visit from Vice Adm. Carl Chebi, Commander, NAVAIR, to the Navy FST displays and we introduced him to two small businesses working on innovative solutions for his priority areas of readiness and sustainment. Without a doubt, it was a great success, enabling several small businesses to take the next steps in the transition of their technologies for commercialization or to programs of record.”

At WEST, Navy FST featured 25 small businesses with Navy Phase II funding presenting 29 technologies aiding warfighters in C4I, surveillance,

Navy STP holds Three Navy FST Focused Technology Events...Continued

and reconnaissance, including:

- Air Platforms
- Autonomy
- Command, Control, Communications, Computers, & Intelligence (C4I)
- Cyber
- Electronic Warfare
- Energy & Power Technologies
- Ground and Sea Platforms
- Human Systems
- Modeling & Simulation Technology
- Sensors
- Space
- Sustainment



VADM Carl Chebi, Commander, Naval Sea Systems Command, meets with Navy STP participant Tagup, Inc. to discuss the company's innovative technology.

Three Navy STP participants, Fuse Integration, Inc., JNI Armor and Vy Corporation, also presented on their transition success during a demo day event.

Virtual NAVAIR & NAVSEA FST Showcase

The Navy STP promoted several innovative Navy SBIR/STTR projects via the Virtual NAVAIR & NAVSEA FST Showcase in March in collaboration with Naval Sea Systems Command (NAVSEA) and Naval Air Systems Command (NAVAIR). Two separate events were originally scheduled to be held in person at NAVAIR and NAVSEA headquarters; however, due to the COVID-19 pandemic they were unable to happen as scheduled.

NAVAIR provides material support for aircraft and airborne weapon systems for the U.S. Navy while NAVSEA's primary objective is to engineer, build, buy, and maintain the U.S. Navy's fleet of ships and its combat systems.

"Since this is the first time NAVAIR and NAVSEA

are cosponsoring this forum virtually, our theme

is 'Collaborate to accelerate; working together to enable transition,'" explained Jason Schroepfer, NAVSEA SBIR/STTR Program Office program manager during the event.

The Virtual NAVAIR & NAVSEA FST Showcase featured 57 small businesses with Navy Phase II funding presenting 63 technologies aiding warfighters in

multiple tech categories, including:

- Advanced Electronics
- Air Platforms
- Autonomy
- Battlespace Environment
- Command, Control, Communications, Computers, & Intelligence (C4I)
- Cyber
- Electronic Warfare
- Energy and Power Technologies
- Ground and Sea Platforms
- Human Systems
- Materials & Manufacturing Processes
- Modeling and Simulation Technology
- Sensors
- Sustainment

While Navy STP was unable to bring these innovative companies face-to-face with potential partners and customers, the companies had a virtual platform to share how their Navy-funded developments can meet the current and emerging technology needs of warfighters.

Sea-Air-Space

S-A-S, presented by the Navy League of the United

Navy STP holds Three Navy FST Focused Technology Events...Continued

States, drew thousands of attendees to Washington in April. The annual event is the largest maritime expo in the United States. Attracting maritime leaders from sea services around the globe, S-A-S brings the U.S. defense industry, private sector U.S. companies and key sea service

military decision-makers together for three days of informative educational sessions, important policy discussions and an exhibit hall floor with over 300 vendors and an outdoor demo area at the docks. For small businesses, it was a great opportunity to meet DoN S&T decision makers and acquisition personnel.

“A lot was accomplished here at Sea-Air-Space,” said Bob Smith, director of DoN SBIR/STTR. “It’s great to be back in person making connections. We got a lot done with Zoom: All the Navy teams and all our small businesses made great strides in the face of adversity during the first two years of the COVID-19 pandemic, continuing the important critical push to transition. We will always have challenges. It’s up to all of us to figure out how to optimize the opportunities we do have.”

Craig Owens, Small Business Innovation Research program manager at Lockheed Martin Aeronautics, said, “Lockheed Martin is always excited to support Navy FSTs because these events provide us opportunities to engage with the Navy’s Phase II funded projects that can potentially meet many



At Sea-Air- Space Navy FST had 44 small businesses with Navy Phase II funding technologies aiding warfighters in multiple tech categories.

of our technical needs. These companies are always well coached and the event provides our SBIR leads a chance to connect with a multitude of science and engineering disciplines.”

At Sea-Air-Space Navy FST had 44 small businesses with Navy Phase II funding present posters

on 47 technologies aiding warfighters in multiple tech categories, including:

- Advanced Electronics
- Air Platforms
- Autonomy
- Battle Space Environment
- Biomedical
- Command, Control, Communications, Computers, & Intelligence (C4I)
- Cyber
- Electronic Warfare
- Engineered Resilient Systems
- Ground and Sea Platforms
- Human Systems
- Materials & Manufacturing Processes
- Modeling and Simulation Technology
- Sensors
- Sustainment

Four Navy STP participants, Boston Engineering, CFD Research, Intelligent Automation Inc.—a BlueHalo company, and Mira also presented on their transition success during a demo day event.

Upcoming Events

DATE	EVENT & LINK	LOCATION
June 1-3	ASNE Megarust https://www.navalengineers.org/Symposia/MR2022	San Diego
June 14-16	ASNE Technology Systems and Ships https://www.navalengineers.org/Symposia/TSS2022	Arlington, Virginia
June 27-July 1	2022 AIAA Aviation Forum https://www.aiaa.org/aviation	Chicago and Virtual
July 18-21	2022 Annual Modeling and Simulation Conference https://scs.org/annsim/	San Diego
July 20-21	ASNE Advanced Machinery Technology Symposium http://www.navalengineers.org/AMTS2022	Philadelphia
August 1-5	Conference on Uncertainty in Artificial Intelligence (UAI) https://auai.org/uai2022/	Eindhoven, Netherlands
Sept. 19-21	2022 Air, Space & Cyber Conference https://www.afa.org/events/2022-air-space-cyber-conference	National Harbor, Maryland
Sept. 19-22	2022 Future Force Capabilities Conference and Exhibition https://content.ndia.org/events/2022/9/19/2022-future-force-capabilities-conference-and-exhibition	Austin, Texas
Sept. 21-22	National Cyber Summit https://www.nationalcybersummit.com/	Huntsville, Alabama
Sept. 20-22	ASNE Fleet Maintenance & Modernization Symposium https://www.navalengineers.org/Symposia/FMMS2022	Virginia Beach, Virginia
Sept. 26-29	Defense TechConnect Innovation Summit & Expo https://events.techconnect.org/DTCFall/	Washington
October 17-21	OCEANS 2022 https://www.oceansconference.org/	Virginia Beach, Virginia and Virtual
Oct. 18-19	GridSecCon https://www.nerc.com/pa/CI/ESISAC/Pages/GridSecCon.aspx	TBD
Oct. 24-27	Industrial Control Systems (ICS) Cyber Security Conference https://www.icscybersecurityconference.com/	Atlanta
Oct. 30-Nov. 2	2022 IEEE Sensors https://2022.ieee-sensorsconference.org/	Dallas
Nov. 16-17	International Security Conference & Exposition (ISC East) https://www.isceast.com/en-us/show-info.html	New York
Nov. 1-2	Naval Submarine League (NSL) Annual Symposium & Industry Update https://www.navalsubleague.org/events/annual-symposium/	Arlington, Virginia
Nov. 28-Dec.2	Military Communications Conference https://milcom2022.milcom.org/	Rockville, Maryland
Nov. 28-Dec. 1	Aircraft Structural Integrity Program (ASIP) Conference http://www.asipcon.com/	Phoenix
Nov. 28-Dec. 2	I/ITSEC 2022 https://www.iitsec.org/	Orlando, Florida

Phase III Navy Contracts

The following table reports Phase III awards made by the U.S. Navy directly to small businesses for FY21. SBIR firms also receive many Phase III awards directly from state governments, DoD prime contractors and others in the private sector, which are not reported below.

PHASE III SYSCOM	TOPIC NUMBER	FIRM	PHASE III CONTRACT	AMOUNT	PHASE II AWARD SYSCOM
MARCOR	N151-069	Aptima, Inc.	47QFLA-19-D-0012	\$225,558.43	ONR
	AF01-216	AQYR Technologies, Inc.	47QFCA-20-D-0005	\$6,888,788.55	USAF
	OSD04-C17	GATR Technologies, Inc.	W15QKN-13-D-0099	\$550,581.30	USAF
	SB162-003	IST Research Corporation	47QFCA-20-D-0004	\$7,509,321.77	Army
	N171-077	Premier Solutions Hi, LLC	M00318-21-P-0030	\$99,256.00	NAVSUP
	AF183-005	Sabel Systems Technology Solutions LLC	47QFLA-19-D-0007	\$5,900,237.88	USMC
	AF191-005	Sehlike Consulting LLC	47QFLA-20-D-0004	\$8,946,263.00	USMC
	AF191-005	Sehlike Consulting LLC	47QFLA-21-D-0004	\$14,099,542.88	USMC
	N152-122	Tactical Edge	M95494-21-C-0022	\$1,816,777.60	ONR
	N162-121	Trident Systems Incorporated	47QFLA-21-C-0015	\$952,380.95	ONR
	N153-129	Windlift	N00173-20-C-2026	\$3,299,174.77	USMC
USMC Count			11		
USMCTotal				\$50,287,883.13	
NAVAIR	N02-152	Adaptive Methods, Inc.	N68335-15-G-0018	\$3,435,000.00	NAVAIR
	N093-164	Aerospace Mass Properties Analysis, Inc. (AMPAC)	N68335-18-C-0180	\$520,112.74	NAVAIR
	N093-164	Aerospace Mass Properties Analysis, Inc. (AMPAC)	N68335-21-C-0452	\$427,914.49	NAVAIR
	N00-123	American Systems Corp.	N61340-20-C-0018	\$5,651,338.14	NAVSEA
	N06-002	Areté Associates	N68335-15-G-0016	\$820,000.00	NAVAIR
	N151-015, N132-099	ATC - NY	N68335-20-G-1044	\$999,981.68	NAVAIR
	N141-065	Azure Summit Technology, Inc.	N00164-17-D-JT09	\$5,049,945.05	ONR
	N04-081	C3I, Inc.	N68335-17-G-0011	\$5,856,020.39	NAVSEA
	N02-155	CeraNova Corporation	N68936-21-G-0002	\$632,182.54	NAVAIR
	N151-021	Chesapeake Technology International Corporation	N68936-18-G-0006	\$3,390,944.40	NAVAIR
	N15A-T014, AF171-054	Coherent Technical Services, Inc.	N68335-19-G-0057	\$1,511,626.26	NAVAIR, USAF
	N06-T023	Creare LLC	N68335-18-D-0067	\$201,535.88	NAVAIR
	N04-255, N04-255	Creare LLC	N68335-18-G-0020	\$972,259.78	NAVAIR
	OSD14.1-AU4	Edge Case Research, Inc.	N68335-20-C-0160	\$1,737,632.39	NAVAIR
	AF06-016, MDA09-021, N05-039, N07-010, OSD07-CR4	Frontier Technology Inc.	47QFCA-21-C-0024	\$26,510,720.18	Multiple
	AF06-016	Frontier Technology Inc.	GS05Q-14-BMD-0001	\$2,462,482.22	USAF
OSD07-CR4, N132-096, N07-010	Frontier Technology Inc.	N68335-16-G-0014	\$3,981,650.00	OSD, NAVAIR	

PHASE III SYSCOM	TOPIC NUMBER	FIRM	PHASE III CONTRACT	AMOUNT	PHASE II AWARD SYSCOM
NAVAIR	OSD08-CR3, OSD08-T003	Frontier Technology Inc.	N68335-17-G-0024	\$706,749.00	OSD
	N181-051	G2 Ops, Inc.	N68335-20-G-0004	\$779,488.00	NAVSEA
	N04-174, N04-174	GBL Systems Corporation	N68335-15-G-0026	\$272,591.87	NAVAIR
	AF112-144	IMSAR LLC	N68335-18-G-0015	\$9,135,956.10	NAVAIR
	N07-034	Innovative Defense Techno- logies	N68335-15-G-0039	\$1,000,000.00	NAVAIR
	N07-137, N171-012, N171-049	Innovative Defense Techno- logies	N68335-19-G-0036	\$2,315,000.00	NAVWAR, NAVAIR, NAVSEA
	N07-034	Innovative Defense Techno- logies	N68335-20-G-0001	\$396,103.00	NAVAIR
	N03-138	Insitu Group Inc	N68335-16-G-0046	\$17,381,493.17	ONR
	J201-CSO1	IT Cadre, LLC	N00019-21-C-0047	\$1,055,530.00	USAF
	N121-061	Jardon & Howard Technologies Incorporated	N61340-21-C-0044	\$6,636,408.22	NAVSEA
	N06-123	Lambda Science, Inc.	N68335-21-C-0007	\$620,600.00	NAVAIR
	N90-085	LOGIS-TECH, Inc.	N00421-20-C-0042	\$230,743.15	NAVAIR
	N142-101, SB072-019	Logos Technologies, Inc.	N68335-19-G-0052	\$5,351,285.29	NAVAIR, DARPA
	N06-036	Mercury Defense Systems (fka KOR Electronics	N68335-17-G-0017	\$13,358,041.20	NAVAIR
	N102-129	Mercury Mission Systems	N68335-21-C-0891	\$276,004.51	NAVAIR
	N10A-T042	Metis Design Corporation	N68335-21-C-0006	\$260,000.00	NAVAIR
	N141-019, A03-070	Monterey Technologies, Inc.	N68335-18-G-0034	\$1,699,985.74	NAVAIR
	N04-266	Navmar Applied Sciences Corporation	N68335-14-G-0040	\$842,710.38	NAVAIR
	N08-023, N08-008, N101-042	Navmar Applied Sciences Corporation	N68335-15-G-0013	\$1,769,911.97	NAVAIR
	N04-266	Navmar Applied Sciences Corporation	N68335-18-G-0033	\$2,705,464.50	NAVAIR
	N06-125	North Star Scientific Corporation	N68335-19-G-0037	\$9,557,740.08	NAVAIR
	N152-096, N102-129	Physical Optics Corporation	N68335-17-G-0032	\$11,246,999.61	NAVAIR
	N091-003, N152-096, N102-129, NASA04.A101	Physical Optics Corporation	N68335-19-G-0041	\$932,866.32	USMC, NAVAIR
	N102-129	Physical Optics Corporation	N68335-20-D-0032	\$26,972,475.05	NAVAIR
	N121-045	Progeny Systems Corporation	N68335-17-G-0054	\$7,664,730.18	NAVAIR
	N96-278, N05-082	Progeny Systems Corporation	N68335-18-G-0039	\$899,692.24	NAVSEA, NAVWAR
	N98-115	Progeny Systems Corporation	N68335-20-G-1046	\$252,546.00	NAVSEA
	N142-102	R Cubed Engineering, LLC	N68335-21-C-0074	\$3,034,194.48	NAVAIR
	N131-017	RAM Photonics	N68936-18-G-0005	\$1,749,981.00	NAVAIR

PHASE III SYSCOM	TOPIC NUMBER	FIRM	PHASE III CONTRACT	AMOUNT	PHASE II AWARD SYSCOM
NAVAIR	N04-247, N98-035, N06-011	RDA Inc.	N68335-14-G-0003	\$26,399.96	NAVAIR
	N98-035, N04-247, N06-011	RDA Inc.	N68335-20-G-3039	\$4,398,290.13	NAVAIR
	N111-025, N14A-T007	RDRTEC Inc.	N68335-18-G-0036	\$130,000.00	NAVAIR
	N101-034	Rock West Composites, Inc.	N68335-18-G-0041	\$2,203,971.48	NAVAIR
	N112-127, N03-025	Scientific Systems Company, Inc.	N68335-15-G-0030	\$1,280,175.93	NAVAIR
	N101-014, N08-023	SeaLandAire Technologies, Inc.	N68335-20-G-1049	\$5,113,686.00	NAVAIR
	N093-168, N101-005, N04-007	Signal Systems Corporation	N68335-20-G-1062	\$3,316,180.00	NAVAIR
	N96-232	Stottler Henke Associates, Inc.	N68335-19-G-0046	\$5,749,905.15	NAVAIR
	N091-008, N08-006	Technical Data Analysis, Inc.	N68335-16-G-0009	\$246,890.74	NAVAIR
	AF083-139	Technology Service Corporation	N68335-20-C-0535	\$3,346,851.00	USAF
	AF103-180	Technology Service Corporation	N68335-20-C-1002	\$49,997.97	USAF
	AF141-253	Technology Service Corporation	N68335-20-G-1045	\$1,644,566.00	NAVAIR
	N111-016	Toyon Research Corp.	N68335-17-G-0026	\$379,000.00	NAVAIR
	N02-079	Triverus	N00019-19-C-0064	\$246,526.95	ONR
	N151-052	VRC Metal Systems, LLC	47QFLA-21-D-0003	\$2,721,957.85	NAVSEA
	N151-052	VRC Metal Systems, LLC	N68335-19-G-0055	\$2,500,894.05	NAVSEA
	N122-148	W5 Technologies, Inc.	N68335-19-C-0294	\$133,900.00	NAVWAR
	N01-139, N96-150	Zivko Aeronautics, Inc.	N00421-21-C-0022	\$903,374.00	ONR
NAVAIR Count			64		
NAVAIR Total				\$227,659,204.41	
NAVSEA	N121-076	3 Phoenix, Inc.	N63394-19-C-0007	\$52,516,311.31	NAVSEA
	N02-042	3e Technologies International, Inc.	N00174-16-C-0046	\$1,000,756.03	NAVSEA
	N02-139	Aculight Corporation	N00024-18-C-5392	\$21,774,514.47	NAVSEA
	N06-109	Adaptive Methods, Inc.	N00024-20-C-5211	\$7,593,467.73	NAVSEA
	N03-146	Adaptive Methods, Inc.	N00039-17-C-0043	\$3,490,301.69	NAVWAR
	N03-074	Advanced Acoustic Concepts Incorporated	N61340-16-C-0004	\$189,604.56	NAVSEA
	N98-106, N97-090, N03-074	Advanced Acoustic Concepts LLC	N00024-19-C-6311	\$10,407,292.41	NAVSEA
	N00-123	American Systems Corp.	N64267-21-C-0072	\$4,050,000.00	NAVSEA
	AF192-001	ANSOL, Inc.	47QFLA-20-D-0016	\$2,450,423.45	NAVSEA
	N87-047	Applied Mathematics, Inc.	N00189-21-P-G010	\$400,000.00	NAVSEA
	OSD10-HS5	Aptima, Inc.	47QFLA-20-D-0015	\$4,317,970.21	ONR

PHASE III SYSCOM	TOPIC NUMBER	FIRM	PHASE III CONTRACT	AMOUNT	PHASE II AWARD SYSCOM
NAVSEA	N08-111	Aptima, Inc.	N00178-18-D-9003	\$3,358,064.53	USMC
	N06-013	Areté Associates	N61331-18-D-0012	\$10,086,393.00	NAVSEA
	N06-013	Areté Associates	N61331-21-D-0006	\$1,149,653.30	NAVSEA
	N122-141	Areté Associates	N66001-20-C-0025	\$1,898,491.90	ONR
	N05-149	ASSETT, Incorporated	N00024-16-C-6421	\$1,761,408.29	NAVSEA
	N121-055	ASSETT, Incorporated	N00024-21-C-6104	\$560,000.00	NAVSEA
	N151-022	Atmospheric Plasma Solutions	SPMYM2-21-P-1895	\$111,760.00	NAVSEA
	N07-108	Beacon Interactive Systems	N00039-18-C-0034	\$597,680.00	NAVSEA
	N121-046	Beam-Wave Research, Inc.	N00173-18-C-2013	\$294,498.00	NAVSEA
	N02-082	Benthos, Inc.	N00253-19-D-0005	\$201,422.07	ONR
	N091-071	Cape Henry Associates, Inc.	47QFLA-20-D-0008	\$4,728,957.85	ONR
	N092-119	CMLaser Technologies	47QFLA-21-D-0012	\$21,064.00	NAVSEA
	N181-059	Corvid Technologies, LLC	N00173-20-C-2023	\$1,974,683.91	NAVSEA
	N131-039	Dragonfly Pictures, Inc.	N68335-21-C-0211	\$237,000.00	NAVSEA
	N05-039	Frontier Technology Inc.	47QFCA-20-C-0018	\$17,382,357.95	NAVSEA
	N05-039	Frontier Technology Inc.	47QFLA-20-C-0006	\$17,496,671.21	NAVSEA
	N05-039	Frontier Technology Inc.	N00174-19-D-0006	\$1,725,959.17	NAVSEA
	N04-091, N07-010	Frontier Technology Inc.	N63394-17-D-0003	\$1,128,112.00	NAVSEA
	AF192-001	G2 Ops, Inc.	47QFLA-21-C-0011	\$10,512,783.73	NAVSEA
	A13-058	Gomez Research Associates, Inc.	N00174-19-C-0021	\$8,094,611.05	Army
	N171-044	Helios Remote Sensing Systems, Inc.	N00024-19-C-5220	\$150,000.00	NAVSEA
	N151-051	Heureka Corporation	47QFLA-21-C-0006	\$380,952.38	NAVSEA
	N05-163	Innovative Defense Techno- logies	N00024-17-G-4115	\$12,718.00	ONR
	N05-163	Innovative Defense Techno- logies	N00024-21-C-5100	\$15,690,600.08	ONR
	OSD12-EP6	IntraMicron, Inc.	N64498-19-D-4025	\$111,730.36	OSD
	N01-137	ITA International, LLC	N50054-19-P-1061	\$536,787.67	ONR
	N121-061	Jardon & Howard Technologies Incorporated	N61340-19-C-0030	\$40,589.89	NAVSEA
	N122-132	Kinetic Protection	47QFLA-21-D-0002	\$15,415,631.00	NAVSEA
	N95-209	L-3 Chesapeake Sciences Corporation	N00024-16-C-6251	\$28,685,283.00	NAVSEA
	N95-209	L-3 Chesapeake Sciences Corporation	N00039-18-C-0024	\$2,565,937.43	NAVSEA
	N95-209	L-3 Chesapeake Sciences Corporation	N66604-21-D-L000	\$4,298,636.77	NAVSEA
	N11A-T017	Makai Ocean Engineering, Inc.	N00039-18-C-0016	\$1,062,815.00	NAVSEA
	N04-044	Maritime Applied Physics Corporation	N68335-21-C-0575	\$311,933.00	NAVSEA
N05-054	Materials Sciences LLC	N65540-15-D-0011	\$824,989.39	NAVSEA	

PHASE III SYS/COM	TOPIC NUMBER	FIRM	PHASE III CONTRACT	AMOUNT	PHASE II AWARD SYS/COM
NAVSEA	N121-092	MI Technical Solutions, Inc.	47QFLA-20-C-0002	\$31,063,810.98	ONR
	N04-132	Michigan Engineering Services, LLC	N00167-21-P-0140	\$99,659.75	ONR
	N04-073	Mide Technology Corporation	N64498-21-D-0001	\$591,025.00	NAVSEA
	N05-149	MIKEL, Inc	N00024-11-C-6295	-\$7,939.81	NAVSEA
	N02-025	MIKEL, Inc	N66604-20-D-H001	\$4,265,618.12	NAVSEA
	N02-039	Mikros Systems Corporation	N63394-16-D-0018	\$4,430,003.00	NAVSEA
	A03-070	Monterey Technologies, Inc.	N00024-17-C-5244	\$225,000.00	NAVAIR
	DLA171-002	Orbis Sibro, Inc.	47QFLA-20-D-0020	\$3,562,533.83	NAVSEA
	N96-278, N02-024	Progeny Systems Corporation	N00024-16-C-2111 (b)	\$2,232,560.00	NAVSEA
	N02-024, N00-049	Progeny Systems Corporation	N00024-17-C-6259 (c)	\$1,577,304.00	NAVSEA
	N96-278	Progeny Systems Corporation	N00024-18-C-6265	\$5,734,688.00	NAVSEA
	N96-278	Progeny Systems Corporation	N00024-18-C-6410	\$51,219,950.00	NAVSEA
	N96-278	Progeny Systems Corporation	N00024-19-C-6108	\$1,562,267.00	NAVSEA
	N96-278, N98-115	Progeny Systems Corporation	N00024-19-C-6115	\$13,097,612.05	NAVSEA
	N02-024, N98-122	Progeny Systems Corporation	N00024-19-C-6118	\$23,356,785.39	NAVSEA
	N151-036	Progeny Systems Corporation	N00024-19-C-6201	\$12,100,944.00	NAVSEA
	N05-051, N05-160	Progeny Systems Corporation	N00024-19-C-6204	\$9,182,986.00	NAVSEA
	N00-049	Progeny Systems Corporation	N00024-19-C-6267	\$16,504,769.00	NAVSEA
	N96-278	Progeny Systems Corporation	N00024-19-C-6408	\$8,350,613.00	NAVSEA
	N02-024	Progeny Systems Corporation	N00024-20-C-2120 (b)	\$48,679,264.56	NAVSEA
	N96-278	Progeny Systems Corporation	N00024-20-C-5213	\$4,998,616.18	NAVSEA
	N96-273	Progeny Systems Corporation	N65236-16-D-8013	\$4,674,691.63	NAVSEA
	N99-100	Progeny Systems Corporation	N66604-15-D-0130	\$267,919.38	NAVSEA
	N96-278	Progeny Systems Corporation	N66604-18-9-0001 (a)	\$1,918,381.00	NAVSEA
	N99-100	Progeny Systems Corporation	N66604-21-D-H100	\$3,346,351.89	NAVSEA
	N05-149	Rite-Solutions, Inc.	N00024-16-C-6422	\$2,441,325.75	NAVSEA
	N152-113	Scientific Solutions, Inc.	N00039-19-C-0062	\$400,000.00	ONR
	N03-016	SEACORP	N66604-20-D-L000	\$1,747,320.58	NAVAIR
	N95-053	SEACORP	N66604-21-D-E100	\$711,751.94	NAVSEA
	N151-036	SEACORP	N66604-21-D-K000	\$497,427.00	NAVSEA
	N05-059	Sedna Digital Solutions, LLC	N00024-18-C-6264	\$8,526,447.00	NAVSEA
	SOCOM96-002	Seemann Composites, Inc.	N00167-19-D-0002	\$3,907,838.49	NAVSEA
	N05-053	SimVentions, Inc.	N00178-15-D-3001	\$3,313,947.06	NAVSEA
	N01-150	The Consulting Network, Inc.	N00024-19-C-5228	\$1,758,000.00	NAVSEA
	N98-114	Ultra Electronics Ocean Systems Inc.	N00024-19-C-6207	\$2,475,139.00	NAVSEA
	N04-138	Ultra Electronics Ocean Systems Inc.	N00024-20-D-6202	\$8,975,518.27	ONR

PHASE III SYS/COM	TOPIC NUMBER	FIRM	PHASE III CONTRACT	AMOUNT	PHASE II AWARD SYS/COM
NAVSEA	DHA17B-001	Valkyrie Enterprises, LLC	47QFCA-20-C-0012	\$6,259,488.62	NAVSEA
	NAVSEA Count		82		
	NAVSEA Total			\$555,650,435.45	
NAVSUP	N171-077	Premier Solutions Hi, LLC	N68335-21-G-0009	\$3,148,818.82	NAVSUP
	NAVSUP Count		1		
	NAVSUP Total			\$3,148,818.82	
NAVWAR	AF191-005	Anduril Industries, Inc.	N66001-21-P-6609	\$3,738,744.00	NAVWAR
	N112-170, N121-106, N10A-T045	Bascom Hunter Technologies	N00039-19-C-0020	\$8,388,144.00	NAVWAR
	N06-072	Basic Commerce and Industries Inc.	N66001-20-D-3413	\$917,507.51	ONR
	N05-039	Frontier Technology Inc.	N64267-20-D-0041	\$8,433,472.24	NAVSEA
	N121-106	Fuse Integration, Inc.	N00039-20-D-0008	\$3,923,638.00	NAVWAR
	N07-139	HS Owen LLC	N00014-21-C-2042	\$368,700.00	NAVWAR
	N07-146	Imagine One Technology and Management Ltd.	N65236-12-D-3885	\$763.17	NAVWAR
	N05-163	Innovative Defense Technologies	N00039-21-C-1001	\$323,769.34	ONR
	N96-273, N121-103	Progeny Systems Corporation	N00039-16-D-0006	\$7,220,418.00	NAVSEA, NAVWAR
	A04-132	Scalable Network Technologies Inc.	N66001-17-D-5201	\$234,171.00	NAVWAR
	N093-196, N10A-T045	SOLUTE Inc.	N00039-19-D-0002	\$821,192.47	NAVWAR
	N093-196	SOLUTE Inc.	N00039-21-D-1009	\$463,154.16	NAVWAR
	N132-098	Spectranetix, Inc.	FA8750-17-D-0195	\$589,000.00	NAVAIR
NAVWAR Count		13			
NAVWAR Total			\$35,422,673.89		
ONR	N171-080	ARiA	N00014-20-C-2050	\$96,917.00	ONR
	N171-080	ARiA	N00014-21-C-2006	\$241,910.00	ONR
	N08-T030	Boston Engineering Corporation	N00014-19-C-2013	\$319,555.00	ONR
	N193-A03-3	Cognitive Performance Group of Florida	N68335-20-G-3008	\$749,985.00	ONR
	N151-071	Daniel H. Wagner Associates, Incorporated	N00014-21-C-2014	\$1,500,452.00	ONR

	PHASE III SYSCOM	TOPIC NUMBER	FIRM	PHASE III CONTRACT	AMOUNT	PHASE II AWARD SYSCOM
ONR		N07-139	HS Owen LLC	N00014-20-C-2008	\$286,140.00	NAVWAR
		N05-163	Innovative Defense Techno- logies	N00014-19-C-1054	\$11,476,556.00	ONR
		N15A-T020	Intelligent Automation, Inc.	N00014-19-C-2062	\$550,687.00	ONR
		N121-082	Knexus Research Corp.	N00014-20-C-2007	\$900,000.00	ONR
		N181-079	Knexus Research Corp.	N00014-21-C-2007	\$493,587.00	ONR
		N131-039	LaserMotive, Inc.	N00014-19-C-2006	\$381,843.35	NAVSEA
		N18A-T017	Makai Ocean Engineering, Inc.	N00014-21-C-2015	\$4,305,787.00	ONR
		N152-101	Martin Defense Group, LLC	N00014-17-C-2035	\$2,592,869.00	NAVSEA
		N151-075	Martin Defense Group, LLC	N68335-20-C-0002	\$192,505.00	ONR
		N141-072	MATSYS, Inc.	N00174-18-D-0015	\$68,750.84	ONR
		DOE15-24B	Muons, Inc.	N00173-20-C-2006	\$620,000.00	ONR
		N06-162	RE2, Inc.	N00014-21-C-2030	\$3,596,055.00	ONR
		N07-110	S2 Corporation	N65236-20-C-8019	\$3,501,839.00	ONR
		N093-196, N10A-T045	SOLUTE Inc.	47QFLA-21-D-0019	\$999,203.13	NAVWAR
		N162-121	Trident Systems Incorporated	N00014-21-C-1081	\$500,000.00	ONR
		N01-139	Zivko Aeronautics, Inc.	N00421-15-C-0051	\$462,100.00	ONR
ONR Count			21			
ONR Total					\$33,836,741.32	
SSP		N143-129	Advanced Scientific Concepts, LLC	N00030-21-C-1004	\$2,446,946.00	SSP
SSP Count			1			
SSP Total					\$2,446,946.00	
Other-DoD		N101-019, N121-045	Chesapeake Technology Inter- national Corporation	47QFCA-20-C-0021	\$548,483.63	NAVAIR
		N96-278, N02-024	Progeny Systems Corporation	1901-INIT-0060	\$5,295,511.00	NAVSEA
Other-Navy		N141-065, N151-059	Azure Summit Technology, Inc.	N65236-20-C-8016	\$1,771,679.00	ONR, NAVSEA
		A17-107	The Perduco Group, Inc.	47QFLA-21-D-0008	\$96,153.85	USAF
Other Count			4			
Other Total					\$7,711,827.48	
Grand Count			197			
Grand Total					\$916,164,530.50	